

[54] **TIMEPIECE WITH AN ACTIVATING MECHANISM**

[75] Inventor: Willy Cleusix, Le Landeron, Switzerland

[73] Assignee: Ebauches Electroniques S.A., Marin, Switzerland

[21] Appl. No.: 352,623

[22] Filed: Feb. 26, 1982

[30] **Foreign Application Priority Data**

Feb. 26, 1981 [CH] Switzerland 1319/81

[51] Int. Cl.³ G04B 23/02

[52] U.S. Cl. 368/72; 368/252

[58] Field of Search 368/252-254, 368/72-74; 200/36, 37 R

[56] **References Cited**

U.S. PATENT DOCUMENTS

4,098,071 7/1978 Kawakami et al. 368/73
4,098,071 7/1978 Kawakami et al. 368/73
4,196,583 4/1980 Komaki 368/74 X
4,199,930 4/1980 Lebet et al. 368/252

4,351,043 9/1982 Ogihara et al. 368/252

Primary Examiner—Ulysses Weldon

Attorney, Agent, or Firm—Pollock, Vande Sande & Priddy

[57] **ABSTRACT**

The alarm wheel (5) is mounted with axial clearance between an insulating plate (6) and a wheel (8).

This wheel (5) is in mesh with the hour cannon wheel (3). It has an embossment (5a) which, once during each turn, passes in front of a magnet (9) carried by the plate (6). The wheel (5) is then attracted axially and its embossment (5a) enters into contact with the magnet (9), grounding the latter. Now, the magnet (9) being in permanent contact with one of the conductive tracks (13) of the printed circuit of the watch, this track (13) is thus grounded. The user of the watch can alter the time at which the releases are produced by altering the angular position of the plate (6). No spring acts axially on the alarm wheel (5) which moves freely between the wheel (8) and an annular rib (6e) provided on the plate 6.

10 Claims, 3 Drawing Figures

